



Our Docket No.: H16-25538

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Pamela A. Binns  
EXAMINER: Shah, Nlesh R.  
SERIAL NO.: 09/751,955  
GROUP: 2127  
FILED: 12/29/2000  
CASE NO.: H16-25538  
ENTITLED: METHOD AND APPARATUS FOR SLACK STEALING WITH DYNAMIC THREADS

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2100

Dear Sir:

In accordance with 37 C.F.R. § 1.56, there is hereby provided an Information Disclosure Statement together with a Form PTO-1449, copies of references cited on the Form PTO-1449 and copies of any applicable foreign communications.

1. ☐ No additional fee is required. This Information Disclosure Statement is being submitted in accordance with 37 C.F.R. § 1.97(b) prior to one of the following events, whichever occurred last, including: (1) within three months of the filing date of a national application, (2) within three months of the date of entry of the national stage in an international application, or (3) before the mailing date of the first Office action on the merits.
2. ☒ This Information Disclosure Statement is being submitted in accordance with 37 C.F.R. § 1.97(c) after one of the following events, whichever occurred last, including: (1) three months from the filing date of a national application, (2) three months from the date of entry of the national stage in an international application, or (3) the mailing date of the first Office action on the merits, but prior to the mailing date of either (1) a final action, or (2) a notice of allowance. *(check either item 2a or 2b)*
  - 2a. ☒ No fee is required, because the certification statement in Item 4 below is applicable.
  - 2b. ☐ Please charge the fee under 37 C.F.R. § 1.17(p) of \$230.00 to deposit Account No. 01-1125, because no certification under 37 C.F.R. 1.97(e) has been made.
3. ☐ This Information Disclosure Statement is being submitted in accordance with 37 C.F.R. 1.97(d) after one of the following events, whichever occurred first, the mailing date of either (1) a final action, or (2) a notice of allowance, but before payment of the issue fee. In addition, the certification statement in Item 4 below is applicable. A Petition to the Commissioner is hereby made under 37 C.F.R. § 1.97(d) to request consideration of this Information Disclosure Statement. Please charge the fee under 37 C.F.R. § 1.17(p) of \$180.00 to deposit Account No. 01-1125 for the petition.

4.   X   Certification Statement (*applicable if Item 2a or Item 3 is checked*)

(*check either Item 4 or 4b*)

4a.   X   In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

4b.        In accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known by any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

5.        In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language reference is: (*check item 5a, 5b or 5c*)

5a.        satisfied because all non-English language references were cited on the enclosed English language copy of a search report or office action from a counterpart foreign or PCT International application indicating the degree of relevance found by the foreign office. See U.S. Patent & Trademarks Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).

5b.        set forth in the application.

5c.        enclosed as an attachment hereto.

6.   X   No admission is made that the information cited in this Statement is, or is considered to be, prior art, material to patentability or a representation that a search has been made (other than a search report of a foreign counterpart application or PCT international search report if submitted herewith). 37 C.F.R. §1.97(g) and (h).

7.   X   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 01-1125. A duplicate copy of this sheet is attached.

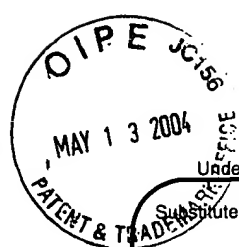
Respectfully Submitted,

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PTO/SB/08B (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/751,955
		Filing Date	12/29/2000
		First Named Inventor	Pamela A. Binns
		Art Unit	2127
		Examiner Name	Shah, Nlesh R.
Sheet 1 of 1		Attorney Docket Number	H16-25538

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RIPOLL, ISMAEL ET AL., "An Optimal Algorithm for Scheduling Soft Aperiodic Tasks in Dynamic-Priority Preemptive Systems," IEEE Transactions on Software Engineering: Vol. 23, No. 6, June 1997, pages 388-399, the whole document.	
		BINNS, PAM, "Incremental Rate Monotonic Scheduling for Improved Control System Performance," Third IEEE Montreal Quebec Canada, 9-11 June 1997, pages 80-90, page 80--page 85.	
		ATLAS, ALIA K. ET AL., "Slack Stealing Job Admission Control*," Technical Report - Boston University, 2 May 1998, pages 1-14, page 1--page 6.	
		DAVIS, R.I., "Approximate Slack Stealing Algorithms for Fixed Priority Pre-emptive Systems," Real-time Systems Research Group, Dept. of Computer Science, University of York, England, November 1993, page 1.	
		TIA, TOO-SENG ET AL., "Aperiodic Request Scheduling in Fixed-Priority Preemptive Systems," University of Illinois at Urbana-Champaign, July 1994, page 9--page 14.	
		LEHOCZKY, J.P. ET AL., "Chapter 8: Scheduling Periodic and Aperiodic Tasks using the Slack Stealing Algorithm," Advances in Real Time Systems, 1995, pages 172--195, paragraph '08/3!	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.